

**Topic:** Predict Emergence of Solar Active Regions Before they are Visible

**Project Title:**

LWS Support for SPD Summer School on Observations and Models of the Solar Corona in 2007

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**Project Information:**

We propose to organize the third SPD summer school on the island of Maui, Hawaii, in the summer of 2007. The school will take place at the new Advanced Technology and Research Center of the Institute for Astronomy. In addition, we will take advantage of the nearby Haleakala Solar Observatories (Mees and SOLARC) and the Maui High Performance Computing Center. The summer school will benefit from the expanding solar research and education programs at the IfA, which span both observational and computational solar physics. The summer school will be scheduled to either precede or follow the 2007 SPD meeting, which will take place in Honolulu, Hawaii, during the period May 24-31. The proposed school will educate graduate students about the present knowledge of the corona both in the Sun and other stars as achieved through both observations and theoretical-numerical modeling. We will prepare students for the future capabilities of ATST, Solar-B, and STEREO. Our goal is to use ground-based observatories and NASA missions to inspire and motivate our students, as well as to educate them about the Sun and its dynamic processes that affect the Earth, life, and society.

**ROSES ID:** NNH06ZDA001N

**Duration:**

**Selection Year:** 2007

**Program Element:** Independent Investigation

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**Citations:**